

in cluster, 7-15 petals; buds deep rose red, deep pink, carmine expanding to light pink flushed with rose pink. Fruit: yellow to orange yellow, occasionally with a pink or carmine blush; 3/4"-7/8" wide, angular and somewhat ribbed.

PI 589419. *Malus ioensis* (Alph. Wood) Britton
Klehmi.

PI 589420. *Malus* sp.
M. hartwigii.

PI 589421. *Malus* sp.
M. rockii.

PI 589422. *Malus transitoria* (Batalin) C. Schneider

PI 589423. *Malus coronaria* (L.) Miller

The following were collected by W. Purdom. Developed by Arnold Arboretum, The Arborway, Jamaica Plain, Massachusetts 02130, United States. Donated by Thomas Green, The Morton Arboretum, Lisle, Illinois 60532, United States. Received 09/02/1986.

PI 589424. *Malus x robusta* (Carriere) Rehder
Persicifolia. Collected 1910 in Unknown. Northern China (seeds collected). Pedigree - Introduced into cultivation by the Arnold Arboretum. Comments:: Received as plant in 1913 by the Arnold Arboretum from James Vietch & Sons, Ltd., Chelsea, England as *Pyrus* sp. (Purdom No. 179). Flower: single, white, approx. 4 cm. across. Fruit: bright red, shaded side sometimes yellowish or brownish-green; approx. 2 cm. in diam.

The following were donated by Thomas Green, The Morton Arboretum, Lisle, Illinois 60532, United States. Received 09/02/1986.

PI 589425. *Malus coronaria* (L.) Miller
Dasyealyx.

PI 589426. *Malus ioensis* (Alph. Wood) Britton
fimbriata.

PI 589427. *Malus x platycarpa* Rehder
Hoopesii.

The following were developed by Cornell University, New York Agr. Exp. Station, Geneva, New York 14456, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 01/08/1987.

PI 589428. *Malus domestica* Borkh.
Barry. Pedigree - Mc Intosh x Cox's Orange Pippin selected 1936; intro. in 1957. Comments:: Fruit: medium to large; skin with a solid, dark red blush, appearance fine; quality good to very good for both dessert and culinary uses; matures in the fall, 2 weeks before Mc Intosh; cold storage life of 3 mo.; resembles Mc Intosh. Very dark, early, good quality.